

IN THE CLAIMS:

Please amend the claims as follows:

1-4. (cancelled)

5. (currently amended) ~~The method of Claim 4~~ A method of obtaining information regarding an environment for an individual, having preferred modalities and engaged in activity, using a programmable device, said method comprising the steps of:
sensing at least one psychomotor behavioral element of the activity engaged by the individual;
determining the preferred modalities of the individual based on the psychomotor behavioral element of the activity engaged by the individual; and
storing the sensed psychomotor behavioral element in a user history,
wherein the sensed psychomotor behavioral element is stored in terms of preferred representational geometries via linear algebraic transforms.

6. (cancelled)

7. (currently amended) ~~The method of Claim 6 further comprising the step of~~ A method of obtaining information regarding an environment for an individual, having preferred modalities and engaged in activity, using a programmable device, said method comprising the steps of:
sensing at least one psychomotor behavioral element of the activity engaged by the individual;

determining the preferred modalities of the individual based on the psychomotor behavioral element of the activity engaged by the individual including determining a preferred combination of modalities and an ordering of modalities by preference thereby further defining a focus of the individual's attention; and

modifying the environmental unit to provide content in the environment in the preferred combination of modalities and the order of modalities by preference whereby the combination and the order are placed in at least one respective co-ordinate group of representational geometry to which attention of the individual is drawn, as indicated by the psychomotor behavioral element.

8. (currently amended) ~~The method of Claim 6 further comprising:~~ A method of obtaining information regarding an environment for an individual, having preferred modalities and engaged in activity, using a programmable device, said method comprising the steps of:
sensing at least one psychomotor behavioral element of the activity engaged by the individual;

determining the preferred modalities of the individual based on the psychomotor behavioral element of the activity engaged by the individual including determining a preferred combination of modalities and an ordering of modalities by preference thereby further defining a focus of the individual's attention;

defining a psychodynamic and a cognitive behavioral model using the preferred combination of modalities and the order of modalities; and

modifying at least one environmental unit as a function of the psychodynamic behavioral model and the cognitive behavioral model.

9. (currently amended) ~~The method of Claim 6~~ A method of obtaining information regarding an environment for an individual, having preferred modalities and engaged in activity, using a programmable device, said method comprising the steps of:

sensing at least one psychomotor behavioral element of the activity engaged by the individual; and

determining the preferred modalities of the individual based on the psychomotor behavioral element of the activity engaged by the individual including determining a preferred combination of modalities and an ordering of modalities by preference thereby further defining a focus of the individual's attention.

wherein the combination and order of modalities is calculated by an equation: \sum_i^{∞}

$$\propto ((\sum G_i(\delta x_i/\delta t_i))/(\sum G_i(dx_i/dt_i)))dG_i dt_i \propto \Psi(G).$$

10-18. (cancelled)